

# SI-614-AI

## Industrial AI Computer

7th Gen Intel® Core™ Desktop Processor-based Industrial AI Computer with NVIDIA MXM Graphics GPU Modules



### Features

- iSMART - for auto-scheduling and power resume
- 7th Gen Intel® Core™ i7/i5/i3/ Processors
- NVIDIA MXM graphics card (Up to 150W)
- 2x DDR4 2133 SO-DIMM, dual channel, Max. 32GB
- 1x HDMI 1.4 for console, 4x DP 1.3 output
- 1x Mini PCI-E (full-size) for Wi-Fi, Bluetooth, 4G LTE or capture card options
- 1x M.2 B key (3042) for storage or 4G LTE options
- 2x 2.5" SATA III SSD device
- Compact and rugged design

### Specifications

System Mainboard	MBD614
CPU Type	7th Generation Intel® Core™ Desktop processor
CPU Socket	LGA1151
Chipset	H110 PCH
Memory	2x DDR4 2133 SO-DIMM, Dual Channel, Max. 32GB
Graphics	NVIDIA GeForce GTX 1080 8GD5X / GeForce GTX 1060 6GD5 / GeForce GTX 1050-LN 4GD5
LAN	1x Intel® I219V Gigabit LAN controller
Expansion Slots	1x Mini PCI-E (full-size) for Wi-Fi, Bluetooth, 4G LTE or Capture card options 1x M.2 B key(3042) for storage or 4G LTE options 2x 2.5" SATA III SSD for storage 1x SIM card slot
I/O Interface	1x HDMI 1.4 for console 4x DP 4x USB 3.0 1x RJ45 for Gigabit LAN 1x RJ45 for RS-232 serial port 1x Audio connectors for Line out Power / HDD LED, 1x power button 1x Power jack connector 1x Terminal block for external power button
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+19V DC
Construction	SGCC
Weight	3kg (6.6lbs)
Chassis Color	Black and white
Storage	1x M.2 M-Key (2280)
Power Supply	270W power adaptor
Mounting	Standard system bracket
Dimensions	256mm(W) x 173mm(D) x 73mm(H) 10.07"(W) x 6.81"(D) x 2.87"(H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5%~90% @45oC (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation
Certification	CE, FCC class B, UL & CCC
Operating System	Windows10 / Linux

### Ordering Information

SI-614-AI	Industrial AI Computer with MBD614 with Intel® Core™ i5-7500 processor (8M Cache, up to 3.4 GHz), 1x MXM NV1050 4GB 128bit/GDDR5 GPU card, 2x 8GB DDR4 memory, 2.5" SSD 128GB & 270W PSU.
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### Dimensions

